

REPORTS ON THE FLORA OF THE BOSTON DISTRICT,—XXIII.

RANUNCULACEAE.

ACTAEA.

A. alba (L.) Mill. Woods, frequent, but not reported south of Hingham.

A. rubra (Ait.) Willd. Woods, occasional from Norwood and Sherborn north and east.

A. rubra (Ait.) Willd., forma **neglecta** (Gillman) Robinson. Georgetown (*Mrs. C. S. N. Horner*, no date); Danvers (*J. H. Sears*, Aug. 11, 1884 et seq.).

ANEMONE.

A. canadensis L. Topsfield, Danvers, Wenham, Swampscott, Lexington, Concord, Newton, Waltham. Introduced at last station, perhaps at others.

A. cylindrica Gray. Dry hillsides and open woods; reported from 14 places north and west of Boston.

A. nemorosa L. Persistent and spreading about old S. P. Fowler garden, Danvers (*J. H. Sears*, May 20, 1903; May 6, 1904).

A. quinquefolia L. Meadows and wet open woods; common throughout.

A. riparia Fernald. Limestone shale, in John Peterson's pine grove near bank of Ipswich River (*J. H. Sears*, Aug. 25, 1901; July 1, 1902).

A. virginiana L. Open woods and roadsides; generally distributed, but not reported south of Hingham.

ANEMONELLA.

A. thalictroides (L.) Spach. Moist soil, common, but not reported south of Hingham.

AQUILEGIA.

A. canadensis L. Dry rocky woods and pastures, common throughout.

A. canadensis L., var. **Phippenii** J. Robinson. See Robinson, Fl. Essex Co. 30, 1880. Discovered by Mr. G. D. Phippen in a ravine in Salem pastures about 1844. Salem pastures (*J. Robinson*, May, 1873, specimen in herb. Peabody Academy of Science).

A. vulgaris L. Garden escape, occasional.

CALTHA.

C. palustris L. Swamps and wet woods, very common throughout.

[*CIMICIFUGA RACEMOSA* (L.) Nutt. Reported from W. Gloucester in Robinson, Fl. Essex Co. 31, 1880, but no specimens are known to exist.]

CLEMATIS.

C. verticillaris DC. Ledges on Pine Hill, Middlesex Fells (*Robert D. Morss*, May 13, 1903, specimen in Gray Herb.; *Dr. Henry Piper*, May, 1904, specimen in herb. W. Deane); Roxbury (*J. A. Lowell*, May, 1847, specimen in herb. Boston Society of Natural History).

C. virginiana L. Swamps, thickets and roadsides, common throughout.

COPTIS.

C. trifolia (L.) Salisb. Swamps and wet woods, common throughout.

DELPHINIUM.

D. ajacis L. Rubbish heap in woods, apparently spreading, Middlesex Fells, Stoneham (*F. S. Collins*, Aug. 8, 1885); reported in Dame & Collins, Fl. Middlesex Co. 3, 1888, and in Deane, Fl. Metrop. Park Comm. 5, 1896, as *D. Consolida* L.

HEPATICA.

H. triloba Chaix. Sunny slopes and open woods; common in Essex County, occasional elsewhere.

RANUNCULUS.

R. abortivus L. Woods and meadows, common.

R. abortivus L., var. **eucyclus** Fernald. Deer Leap, Andover (*A. S. Pease*, June 4, 1904); Topsfield (*J. H. Sears*, June 5, 1899; June 1, 1902); ledges, abundant, W. Roxbury (*F. G. Floyd*, June 12, 1902); moist shady woodland, Hyde Park (*F. G. Floyd*, June 17, 1900); low woods, a good-sized colony, Hyde Park (*F. G. Floyd*, June 1, 1902).

R. ACRIS L. Fields and meadows, common throughout.

R. ACRIS L., var. **STEVENI** (Andrz.) Lange. Boxford, Salem, Melrose, Lexington, Wellesley, Franklin Park [Boston].

R. allegheniensis Britton. Woods and ledges, occasional near Boston and Salem. Apparently common on diorite hills running from Salem to Lexington.

R. aquatilis L., var. **capillaceus** DC. Slow streams and ponds, occasional.

R. BULBOSUS L. Fields and pastures, very common throughout.

R. Cymbalaria Pursh. Salt marshes along the coast, occasional.

R. delphinifolius Torr. Quiet waters; occasional, but no reports from southeastern towns.

R. delphinifolius Torr., var. **terrestris** (Gray) Farwell. Muddy shores; Marblehead, Winchester, Middlesex Fells, Belmont, Concord.

R. fascicularis Muhl. Dry hillsides; common on diorite hills north and west of Boston, rare elsewhere.

R. FICARIA L. Garden escape at Cambridge (*W. Deane*, May 8, 1914); S. Hingham (*H. W. Cushing*, May, 1891, to date).

R. Flammula L., var. **reptans** (L.) Mey. Sandy shores; common in Essex County, occasional in Middlesex County; apparently rare or wanting south of Boston.

R. laxicaulis (T. & G.) Darby. Muddy places, Byfield [Newbury] (*J. H. Sears*, Sept. 18, 1886 et seq.); Sharon (*E. H. Hitchings*, Aug., 1884); Easton (*Oakes Ames*, Aug. 31, 1898).

R. micranthus Nutt. Rocky places; Peabody, Melrose, Stoneham, W. Roxbury, Milton, Sharon; Hingham, according to Bouvé, Botany of Hingham, in History of Hingham, i. pt. 1, 92, 1893.

R. pennsylvanicus L. f. Lawrence, above dam, north side (*J. Robinson*, Aug. 5, 1879); "near Boston" (*Wm. Boott*, Aug. 20, 1853;

Wellesley (collector unknown, June, 1880); Concord, according to Dame & Collins, Fl. Middlesex Co. 2, 1888. This is one of Minot Pratt's introduced plants. See RHODORA i. 171, 1899; Hingham, vide supra.

R. recurvatus Poir. Moist woods; occasional, especially northward.

R. repens L. Moist soil, common throughout.

R. sceleratus L. Wet places near the coast, locally abundant.

THALICTRUM.

T. dasycarpum Fisch. & Lall. Blue Hills Reservation (G. G. Kennedy, June 30, 1895, specimen in herb. G. G. Kennedy).

T. dioicum L. Rocky woods; common northward, few reports south of Boston.

T. polygamum Muhl. Meadows and swamps, common throughout.

T. polygamum Muhl., var. **hebecarpum** Fernald. Rich wet loam by brook, Manchester (F. T. Hubbard, July 15, 1913).

T. revolutum DC. Dry hillsides and open woods; Blue Hills and Walpole northward, rare.

ZANTHORHIZA.

Z. APIIFOLIA L'Hér. Escaped from cultivation at Salem, Danvers and Concord.

C. H. KNOWLTON } Committee on
WALTER DEANE } Local Flora.